Intermediate of Peptide Hydrolysis

$$R^{3} \xrightarrow{N} \xrightarrow{QH} \xrightarrow{R^{1}} \qquad R^{2} \qquad R^{3} \xrightarrow{N} \xrightarrow{N} \xrightarrow{N} \xrightarrow{N} \qquad R^{2}$$

Hydroxyethylamine-Based Inhibitors

FIG.

 $\hat{b}^{2} - \hat{b}^{5} - \hat{b}^{7} - \hat{b}^{7} - \hat{b}^{7} - \hat{b}^{7} - \hat{b}^{7}$

Pour conformational families

FIG. 3

c)

FIG. 4A

FIG. 4C

 R_{1} substituent

 R_2 substituent

FIG. SC

Σ

C

FIG. 6A

S

~

 $m R_2$ substituent

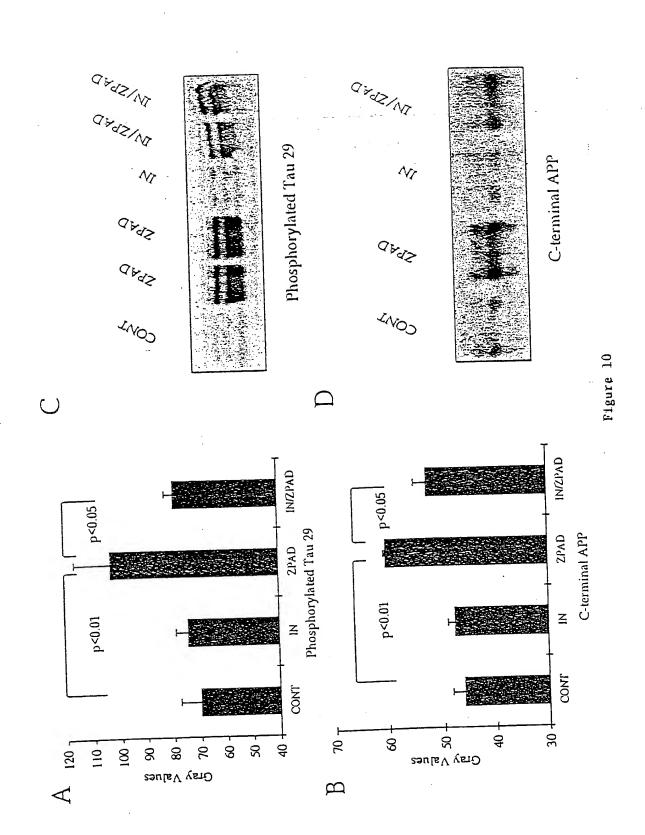
FIG. 6B

rIG. 6C

*2a - (S)-epimer 2b - (R)-epimer

*1a = (S)-epimer 1b = (R)-epimer

85:15 major distereomer shown



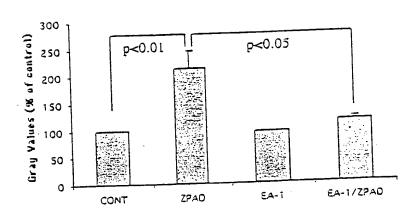


Figure 11

Table 1 Cathepsin D inhibitors

	Name	Structures	Molecular Weight	Ki (nM)
The first them, with the state that the first that with the first that the first that the first that	CEL5-A	OMe CI H OH N N N N N N N N N N N N N N N N N	889.6	0.7
	CEL5-G	PhO H OH N N N N N N N N N N N N N N N N N	697.2	15
	EA-1	CI OH N OH	650	1.9

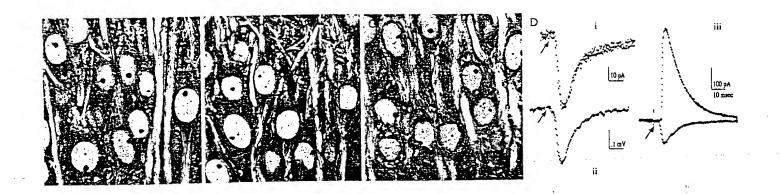


FIG. 13



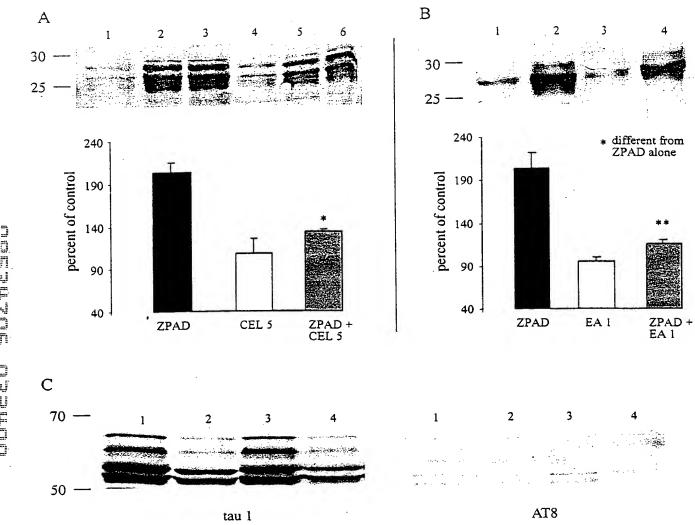


FIG. 14

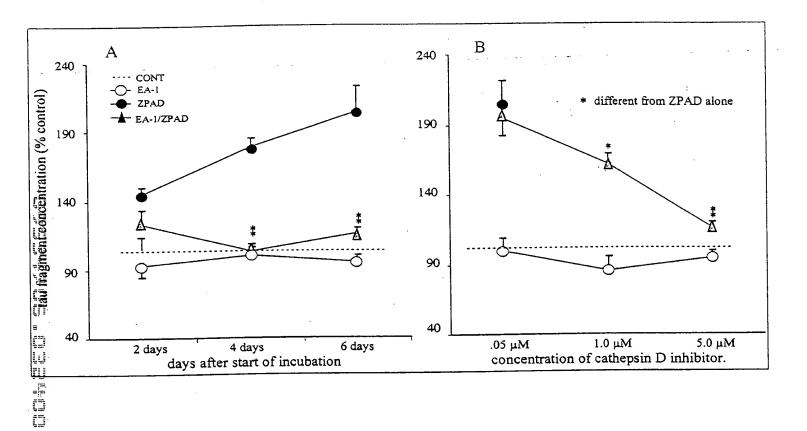


FIG. 15



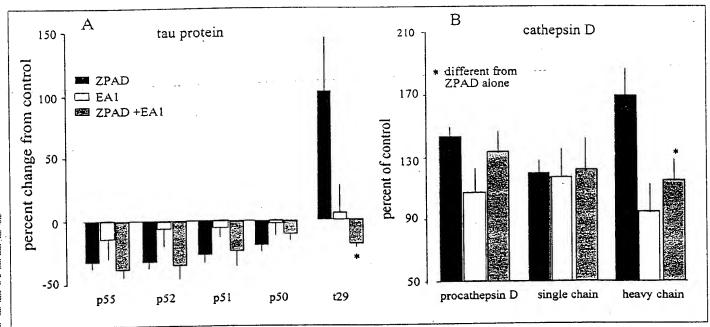


FIG. 16